How to Hang Your Ceiling Fan

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 9).

⚠ WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less".

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support of 22.7 kg. (50 lbs.) or less", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

1. Securely attach the hanger bracket to the outlet box using the two screws supplied with the outlet box. (Figure 10.)

⚠ WARNING

Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.

2. Carefully lift the fan and seat the hanger ball/downrod assembly on the hanger bracket that was just attached to the outlet box (Figure 11). Be sure the groove in the ball is lined up with tab on the hanger bracket (Figure 10).

⚠ WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.

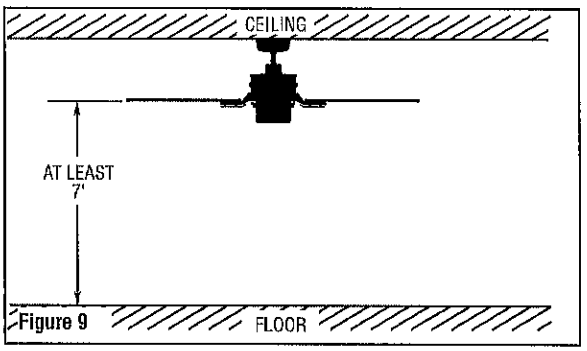

Figure 9

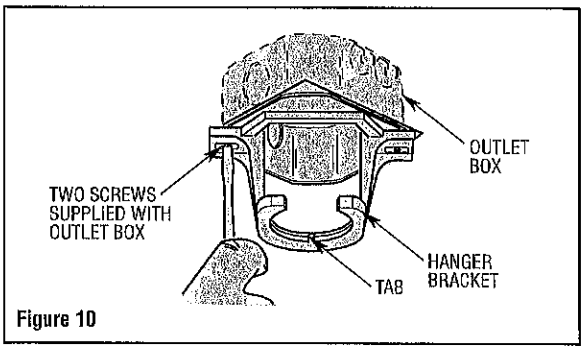

Figure 10

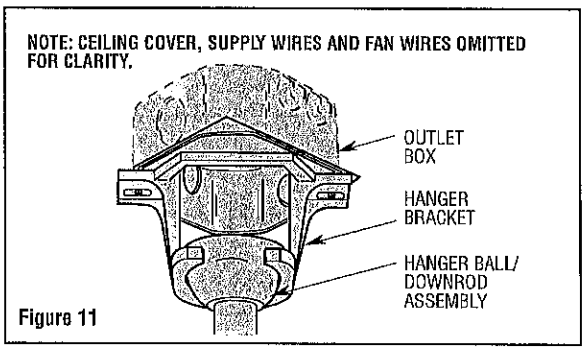

Figure 11

How to Wire Your Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

⚠ WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring.

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

CAUTION: To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

1. Position the supply wires to the left side of the outlet box (Figure 12); position the fan wires to the right side. Partially insert the remote control receiver (flat side up) until one end rests on the hanger ball as shown in Figure 12.

NOTE: Make all wiring connections using wire connectors (supplied). Make sure that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire.

⚠ WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.

2. Refer to Figure 12 and 13 and connect the receiver wires to the supply wires and the fan motor wires as follows:

a. Securely connect the green grounding wires from the hanger ball and the hanger bracket to the supply grounding conductor (this may be a bare wire or a wire with green insulation).

b. Securely connect the supply white (neutral) wire to the receiver white (AC IN N) wire.

c. Securely connect the supply black wire (hot) wire to the receiver black (AC IN L) wire.

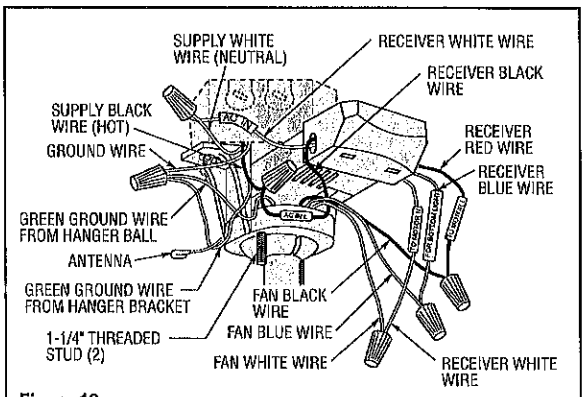

Figure 12

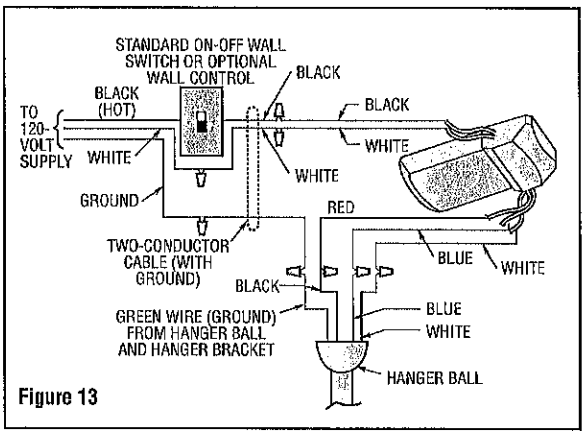

Figure 13

d. Securely connect the fan motor white wire to the receiver white (TO MOTOR N) wire.

e. Securely connect the fan motor black wire to the receiver red (TO MOTOR L) wire.

f. Securely connect the fan motor blue wire to the receiver blue (FOR LIGHT) wire.

Installation of Glass Shade

1. Install two 60-watt (maximum) candelabra base light bulbs (included) into the light fitter sockets (Figure 14).

⚠ WARNING

Over lamping the fan will result in the light bulbs being automatically shut off. Use only 60-watt maximum candelabra light bulbs. Turn off the electricity before replacing the light bulbs.

2. Place the glass into the opening in the light kit assembly, aligning the three flat areas on the top edge of the glass with the three light kit tips on the light kit assembly and turn the glass bowl clockwise until it is secure (Figure 15).

⚠ WARNING

To avoid possible fire hazard, do not exceed wattage indicated on the light kit assembly.

NOTE: It is advisable to periodically check that the glass is seated fully clockwise in the light kit assembly.

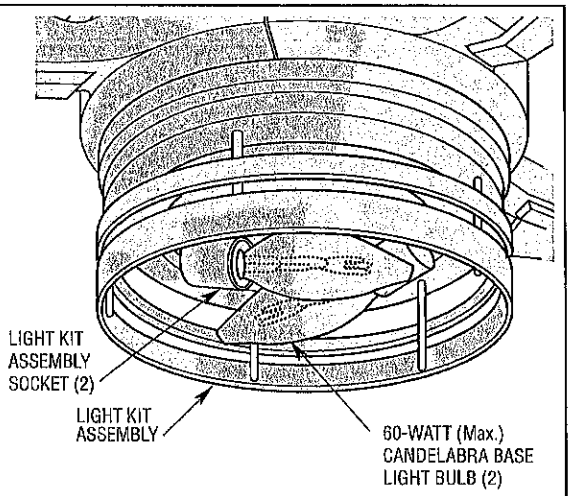

Figure 14

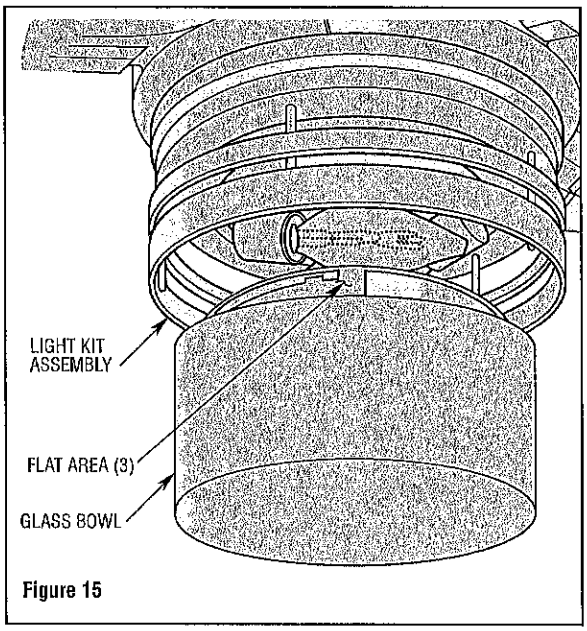

Figure 15

Using Your Ceiling Fan

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.

1. Push the wires and connectors up into the outlet box while inserting the receiver fully into the hanger bracket.
2. Position the antenna wire on top of the receiver.
3. Screw the two threaded studs (supplied) into the tapped holes in the hanger bracket.
4. Lift the ceiling canopy up to the threaded studs and turn until studs protrude through the holes in the ceiling canopy (Figure 16).
5. Secure the ceiling canopy in place by sliding lockwashers over the threaded studs and installing the two knurled knobs (supplied). (Figure 16). Tighten the knurled knobs securely until the ceiling canopy fits snugly against the ceiling and the hole in the ceiling canopy is clear of the downrod.

General

This control is designed to operate only one ceiling fan

6. Before disconnecting power, ensure that the fan is set at the highest speed.

NOTE: Electric connections should be in accordance with the National Electrical Codes and all Local Codes. Before starting, disconnect power to the circuit at the fuse box or circuit breaker panel.

7. Remove the faceplate and screws from the existing wall switch. Pull switch out from wall outlet box (Figure 17).
8. Disconnect wire from existing fan wall switch.

Setting Operating Frequency of Wall Control

Your wall control has code switches which must be set in one of 32 possible code combinations. The five levers (numbered 1, 2, 3, 4, and 5) on the switches are factory-set in the ON (up) position (Figure 18). Change the switch settings as follows:

9. Slide the five switch levers in the wall control to your choice of ON (up) or down positions. Use a ball-point pen or small screwdriver and slide the levers firmly up or down.
10. When the power is restored after installation, push and hold the fan off button (⏻) for 3 to 5 seconds to set the code in the receiver.

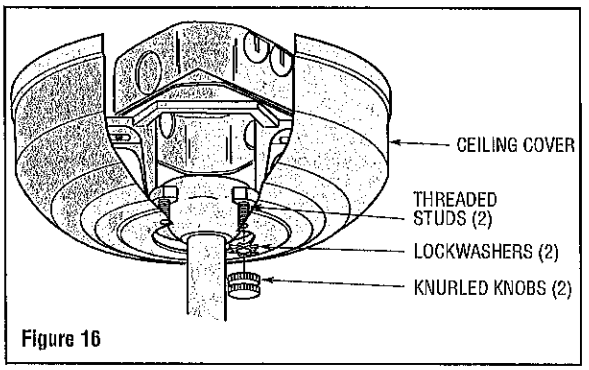

Figure 16

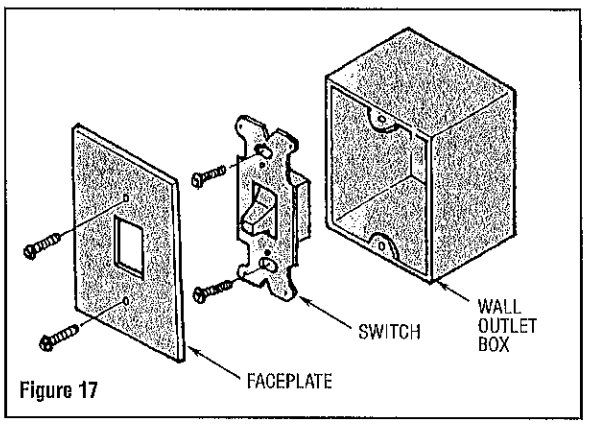

Figure 17

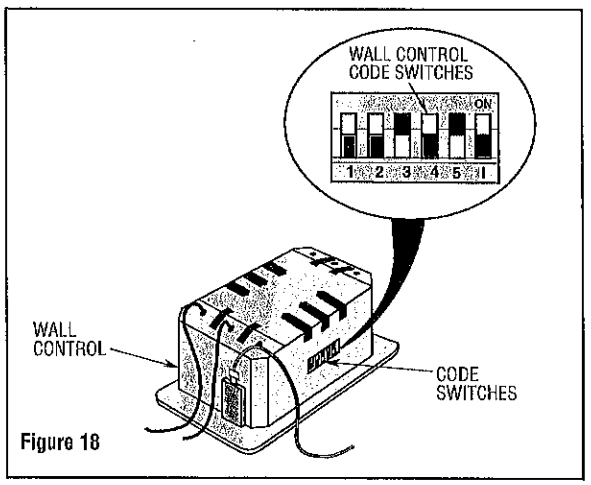

Figure 18

11. The sixth switch marked ON and I is for dimming control of lights: Set switch to ON to allow for dimming of the lights.

NOTE: Use wire connectors (supplied) to secure electrical connections.

12. Connect one black wire of wall control to the "hot" wire. Securely connect wires with wire connectors supplied (Figure 19).
13. Connect one black wire of wall switch to the "load" (black) wire in wall box. Securely connect wires with wire connector supplied.
14. Screw wall control into wall box and install decorator style faceplate (included). Leave wall control in "OFF" mode until fan installation is completed.

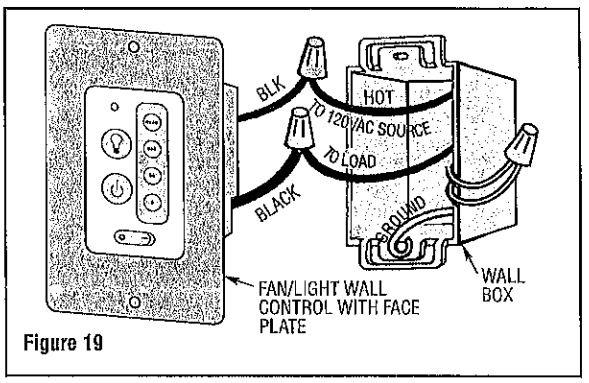

Figure 19

Operation of Your Wall Control

Your wall control has full control of your fan and light.

NOTE: Prior to operation of the fan and light from the wall control, set the fan speed to HIGH (····) and turn the light ON ( ).

15. To set the desired fan speed, press one of the four buttons (·, ··, ···, ····) to operate your fan on from low to high speeds.
16. To turn the light on and off, press and release the LIGHT ( ) button. To set the light intensity, press and hold the LIGHT ( ) button. The light will turn on at the light intensity previously selected (Figure 20).

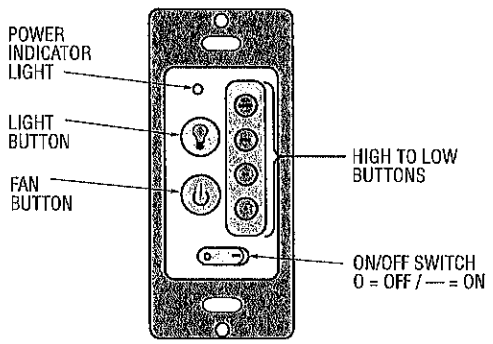

Figure 20

Operation of Your Reverse Switch

IMPORTANT

Fan installation must be completed, including the installation of the fan blades, before testing of the controls.

17. Restore electrical power to the outlet box by turning the electricity on at the main fuse box.
18. All fans are shipped from the factory with the reverse switch positioned to the "left" circulate air downward. If airflow is desired in opposite direction, turn your fan OFF and wait for the blades to stop turning, then slide the reverse switch to the "right" position, and turn fan on again (Figure 21).
19. The fan blades will turn in the opposite direction and reverse the airflow.

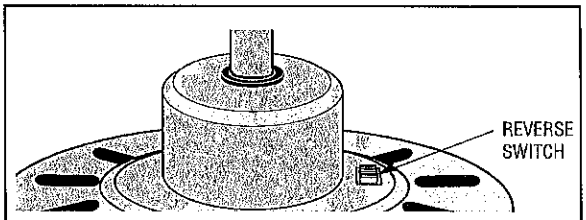

Figure 21

Reverse Switch Information

Season	Rotation Direction	Switch Position
Summer	Counter-Clockwise	Left
Winter	Clockwise	Right

Please call Emerson technical support at 1-800-654-3545 if you have any questions about installation and operation of this ceiling fan.